

RESEARCH INSTITUTIONS
AND
MUSEUMS
FOUNDED BY
HENRY S. WELLCOME



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"THE ASSOCIATION OF
MUSEUMS WITH RESEARCH
INSTITUTIONS IS AN IM-
PORTANT FEATURE OF
MODERN SCIENTIFIC
WORK."

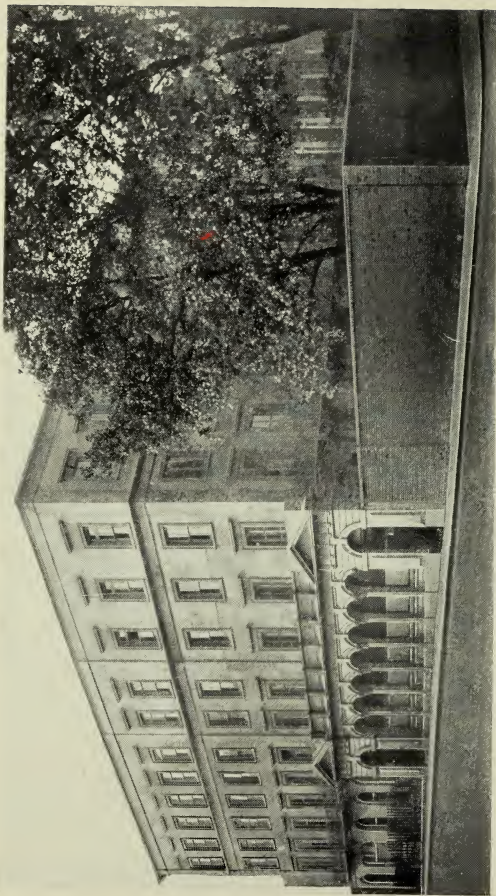


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THE WELLCOME BUREAU OF SCIENTIFIC RESEARCH AND MUSEUM OF MEDICAL SCIENCE
ENDSLEIGH COURT, LONDON, W.C.1

RESEARCH INSTITUTIONS AND MUSEUMS

FOUNDED BY HENRY S. WELLCOME

FOUNDED IN 1913

THE WELLCOME

BUREAU OF SCIENTIFIC RESEARCH

(THE WELLCOME FOUNDATION LTD.)

C. M. WENYON, C.M.G., C.B.E., M.B., B.S., B.SC., F.R.S.

Director-in-Chief

Endsleigh Court, 33, Gordon Street

LONDON, W.C.1

ALL THE INSTITUTIONS HEREIN REFERRED
TO ARE AFFILIATED WITH THE BUREAU.

The Bureau, which was reconstructed and enlarged in 1926, is devoted to the study and investigation of medical problems more particularly in their relation to tropical medicine and hygiene. It consists of a series of research laboratories, library, art studio, photographic department, animal houses, preparation rooms and The Museum of Medical Science which is described below.

In the research laboratories, twelve in number, researches are conducted in various branches of medical science, including medical zoology, parasitology, bacteriology, pathology, chemo-therapy, tropical medicine and hygiene, and other subjects.

The library, which is open to members of the medical profession and others for purposes of reference, contains representative standard works, reprint files and current medical literature dealing more especially with the subjects of research mentioned above.



A SECTION OF THE DIRECTOR-IN-CHIEF'S LABORATORY
THE WELLCOME BUREAU OF SCIENTIFIC RESEARCH



A SECTION OF THE ENTOMOLOGICAL FIELD LABORATORY
THE WELLCOME BUREAU OF SCIENTIFIC RESEARCH

Routine teaching is not undertaken at the Bureau, but individual workers who wish to follow any particular line of investigation may be given accommodation and facilities for their studies.

Information is given gratis to medical men, health officers and others at home and abroad, with a view to assisting them in their work and investigations.

The results of the researches carried out at the Bureau and at the affiliated Laboratories mentioned below are published for the most part in various scientific periodicals and transactions. In addition, books dealing with special subjects are published from time to time by the Bureau.

ESTABLISHED IN 1920

THE ENTOMOLOGICAL FIELD LABORATORY
OF
THE BUREAU OF SCIENTIFIC RESEARCH

M. E. MACGREGOR, M.A., *Entomologist*

At the Royal Horticultural Society's Gardens
WISLEY, SURREY

The Entomological Field Laboratory is located at the Royal Horticultural Society's Gardens at Wisley, Surrey, where, through the courtesy of the Society's Committee and the Director of the Gardens, suitable laboratory accommodation has been provided.

This Laboratory carries on researches into the life-history and habits of such noxious insect pests as mosquitoes, etc., etc., a careful study of which in the field affords the surest means of discovering methods for their control and extermination.



PART OF HALL V—FIRST FLOOR
THE WELLCOME MUSEUM OF MEDICAL SCIENCE

FOUNDED IN 1914

THE MUSEUM OF MEDICAL SCIENCE
INCLUDING TROPICAL MEDICINE AND HYGIENE
S. H. DAUKES, O.B.E., B.A., M.D., B.Ch., D.P.H., D.T.M. & H.

Director

Endsleigh Court, 33, Gordon Street
LONDON, W.C.1

This Museum, which comprises twenty halls, presents an entirely new system of visual teaching.

The purpose and plan of the Museum is to give a general survey of human disease from every aspect. The causation, pathology, symptomatology, treatment and prevention of disease are demonstrated by means of pathological specimens, models, paintings, photographs, etc., in such a way that they convey a graphic picture of the more important features.

Associated with each disease a short summary is set forth of the important points ; also there is a file containing abstracts with regard to all the more recent work.

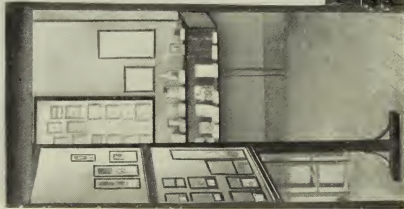
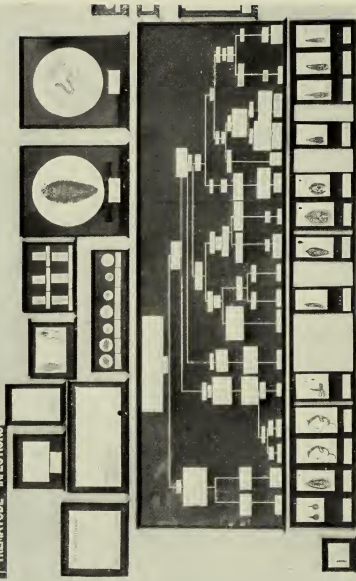
A museum demonstration of the microscopic side of morbid anatomy presents certain difficulties ; an effort has been made to overcome these by means of colour photo-micrography. In many of the halls these photographs are shown in special illuminated cases. Thus attempt has been made to provide a continuous demonstration of disease which will fix itself on the attention and memory of those who visit the Museum.

HELMINTHIC DISEASES(1)

GENERAL HELMINTHOLOGY



1. TREMATODE INFECTIONS

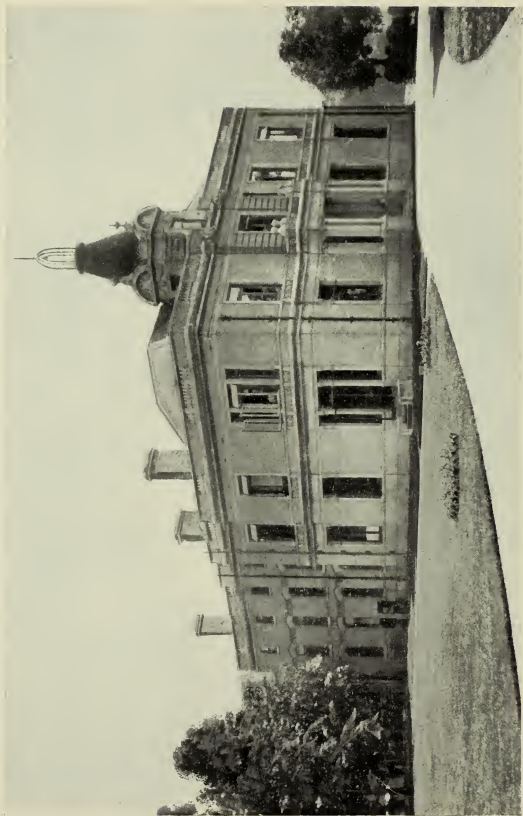


COMMENCEMENT OF SECTION ON HELMINTHIC DISEASES
THE WELLCOME MUSEUM OF MEDICAL SCIENCE

The Museum of Medical Science is open to all Medical Men, Health Officers and Students, also to laymen interested in medicine, provided they are introduced by a registered Medical Practitioner.

Many Teachers of Medicine have found this Museum helpful to them in effectually illustrating the various branches of Medical Science to their Students, and they are cordially invited to continue such use of the Museum. Arrangements can be made in advance for teachers to give demonstrations to their classes.

PROGRESS AND ARRANGEMENT. At the present time, whilst many sections of the Museum are complete and well supplied with material, some sections, which have only recently been organised, are in an early stage of development. Much of its success depends upon the continued co-operation, help, advice and generous contribution of specimens and information by Medical Men and other Scientists interested in this field of work in various parts of the world. Indebtedness for such help is most gratefully acknowledged.



MAIN RESEARCH BUILDING
THE WELLCOME PHYSIOLOGICAL RESEARCH LABORATORIES

FOUNDED IN 1894

THE PHYSIOLOGICAL RESEARCH
LABORATORIES

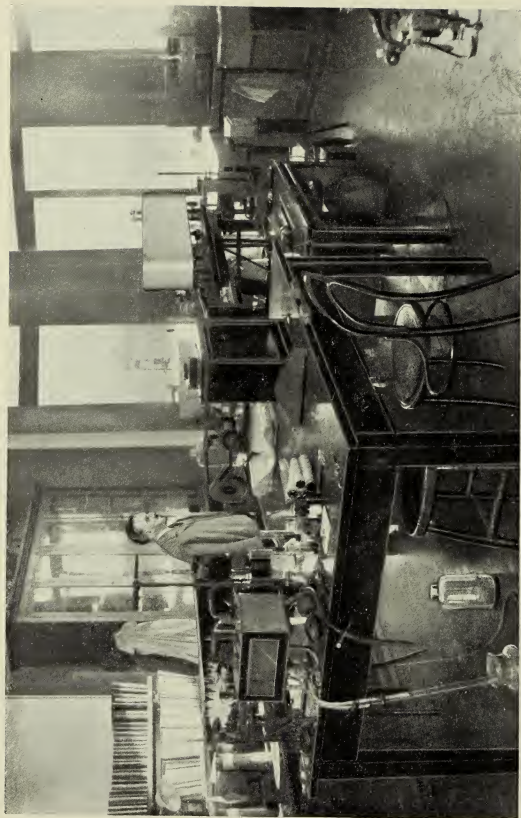
R. A. O'BRIEN, C.B.E., M.D., B.S., D.P.H., *Director*

Langley Court, BECKENHAM, KENT

The development of Therapeutics from a largely empirical code into an experimental science is one of the most striking and significant results of the world-wide scientific activity which has characterised the past half-century. The change has been brought about by the immense advances in the contributory sciences of Pathology, Bacteriology, Physiology and Pharmacology, which, indeed, may all be said to date their history as experimental sciences from within the same period.

A recognition of this development, and a desire to promote original research in these fields, led to the foundation of The Wellcome Physiological Research Laboratories, the activities of which cover a wide field of therapeutic investigation in Bacteriology, Physiology with Pharmacology, Serology and Veterinary medicine. The Laboratories are at Beckenham, on an estate of one hundred acres, with seven main buildings containing approximately sixty laboratories.

The production of anti-sera and of bacterial preparations for specific inoculation, and the researches in bacteriology and the mechanism of immunity arising from the development of this department of Therapeutics, have been an important part of the work of the Laboratories from the time of their foundation.



A SECTION OF ONE OF THE PHYSIOLOGICAL RESEARCH LABORATORIES
THE WELLCOME PHYSIOLOGICAL RESEARCH LABORATORIES

The Pharmacological department carries on investigations into the mode of action and the nature of the active principles of drugs, both new and old, of vegetable and animal origin, and the production by synthesis of substances identical with, or related to, the naturally occurring active principles, both in structure and in physiological action. In addition to the drugs which have thus been investigated from all points of view in The Wellcome Physiological Research Laboratories, many others have there been physiologically examined, which owe their production or chemical investigation to The Wellcome Chemical Research Laboratories or the Experimental Department of the Wellcome Chemical Works.

Incidental to this pharmacological work has been research on the purely physiological problems which it suggests and involves. Methods have also been originated and developed for controlling and standardising by physiological experiment the activity of those potent drugs to which chemical methods of assay are not applicable.

The Veterinary department is carrying out valuable investigations into the etiology, prophylaxis and treatment of diseases of domestic animals.

While devoted primarily to original research, the results of which appear from time to time through the ordinary channels of scientific publication, the Laboratories have performed much valuable work of a practical nature.



THE WELLCOME CHEMICAL RESEARCH LABORATORIES

FOUNDED IN 1896

THE CHEMICAL RESEARCH LABORATORIES

T. A. HENRY, D.SC. (Lond.), *Director*

6, King Street, LONDON, E.C.1

When these Laboratories were established over thirty years ago, little was known regarding the composition of many of the natural drugs in common use, the production of synthetic drugs was just beginning, and few chemists had the temerity to work at such biological problems as the isolation of hormones. The advance in therapeutics made since then has been mainly in these three directions, and the work done in these Laboratories has been of the varied character necessary to keep in touch with these lines of progress. Many natural drugs have been exhaustively investigated and their active principles isolated and characterised. In association with The Wellcome Physiological Research Laboratories these have been examined pharmacologically, and, as a result, the use in medicine of many natural drugs has been placed on a sound scientific basis, and in some instances alkaloids and other active principles of plants have been made available to the physician in a pure condition for the first time.

The information gained in these investigations has suggested new lines of work for the production of synthetic drugs, and many new substances of this kind have been prepared and tested.

Recently, with the co-operation of The Wellcome Bureau of Scientific Research, much attention has been given to work on organo-metallic compounds for the treatment of specific protozoal diseases.

These varied investigations have involved the solution of many purely chemical problems, and have therefore led to valuable additions to our knowledge of pure chemistry, as well as to results of practical therapeutic value.



NORTHERN SECTION—HALL OF STATUARY
THE WELLCOME HISTORICAL MEDICAL MUSEUM

FOUNDED IN 1913
THE HISTORICAL MEDICAL MUSEUM
HENRY S. WELLCOME, LL.D., F.S.A.

Director

L. W. G. MALCOLM, M.SC. (Cantab.), F.R.S.E.

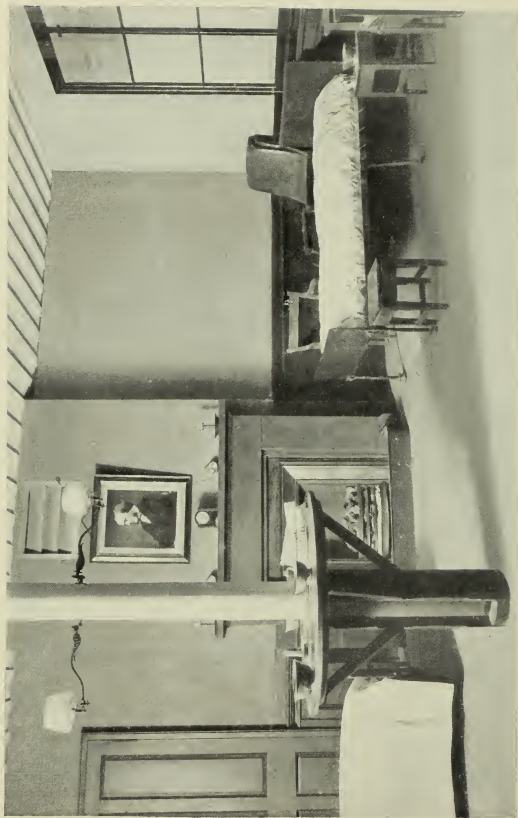
Conservator

54, Wigmore Street, Cavendish Square
LONDON, W.1

This Museum contains extensive collections of rare instruments, appliances and other objects, also pictures, sculpture, manuscripts, early printed books, etc., etc., illustrating the evolution and practice of medicine and allied sciences throughout the world from prehistoric times, and includes a section dealing with primitive medicine and surgery amongst the savage and semi-civilised peoples of to-day.

One of the central aims of the Museum is to connect the links in the chain of human experience and living things from the very beginning and to trace the genesis of the many branches of the healing art and their development. This undertaking will be illustrated by instruments, appliances and other objects connected therewith.

MEMORIAL COLLECTIONS. It is an important feature in the plans of this Museum to conserve the relics and other objects, manuscripts, drawings, etc., associated with workers who have made history by their discoveries, inventions and improvements in the various departments of medicine and allied sciences. It is the special aim and purpose to hand down to posterity the names and records of those who in the course of time might be forgotten, thus rendering honour to whom honour is due. Such relics, etc., when placed in this Museum, will form a permanent memorial and tribute to the work and achieve-



A SECTION OF THE ORIGINAL LISTER WARD
THE WELLCOME HISTORICAL MEDICAL MUSEUM

ments of those who have distinguished themselves in various realms of science in past years.

Many of these collections have been presented to the Museum by the families, executors, friends and admirers of such workers. Gifts or loans of this description will always receive the greatest possible care and be permanently preserved. Special Sections are devoted to such MEMORIAL COLLECTIONS. Amongst these collections are the following :—

THE JENNER COLLECTION. An extensive collection of personal relics, manuscripts, paintings, sculpture, drawings, instruments, etc., of Dr. EDWARD JENNER, connected with his development of vaccine treatment of small-pox.

THE LISTER COLLECTION. An important collection of appliances, chemical reagents and apparatus, and various other materials used by LORD LISTER in the development of his methods of antiseptic surgery, as practised by him in the Lister Ward of the GLASGOW INFIRMARY and elsewhere. A section of the actual ORIGINAL LISTER WARD, transferred from the Glasgow Infirmary when it was dismantled, is now erected in The Wellcome Museum, together with the fittings and equipment (all being of the original material), including Lister's original portable laboratory containing the remainders of his reagents with which he carried out his original antiseptic experiments.

The importance of Museums as an integral part of teaching is now fully recognised, and by intelligent, scientific classification and systematic grouping of objects, it is the aim and purpose to make The Wellcome Historical Medical Museum of distinct educational value to research workers, students and others interested in the subjects with which it deals.



PART OF THE EAST WALL—PORTRAIT GALLERY
THE WELLCOME HISTORICAL MEDICAL MUSEUM

